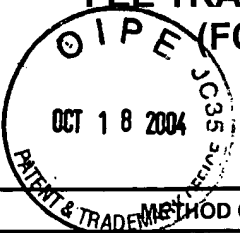


HWS

**FEE TRANSMITTAL SHEET
(FOR FY 2004)**



Complete if Known	
Application No.	10/815,877
Filing Date	March 30, 2004
First Named Inventor	Brent Keeth et al.
Group Art Unit	2188
Examiner	Reginald G. Bragdon
Atty. Docket Number	500644.03

METHOD OF PAYMENT (Check One)

1. The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No.: 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP

2. Check Enclosed

FEE CALCULATION (Continued)

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1001	790	2001	385	<input type="checkbox"/> Utility Filing Fee
1002	350	2002	170	<input type="checkbox"/> Design Filing Fee
1003	550	2003	265	<input type="checkbox"/> Plant Filing Fee
1004	790	2004	385	<input type="checkbox"/> Reissue Filing Fee
1005	160	2005	80	<input type="checkbox"/> Provisional Filing Fee
Subtotal (1)				\$0

2. EXTRA CLAIM FEES

Current Claims	Prior	Extra	Fee	Fee Paid
Total	35	- 20 = 15	x \$ 18 =	\$ 270
Ind.	7	- 3 = 4	x \$ 88 =	\$ 352
Multiple Dependent Claims			x \$ =	\$
Subtotal (2)				\$ 622

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1201	88	2201	44	Independent claims in excess of 3
1202	18	2202	9	Claims in excess of 20
1203	300	2203	150	Multiple dependent Claim
1204	88	2204	44	Reissue independent claims over original patent
1205	18	2205	9	Reissue claims in excess of 20 and over original patent

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - Late filing fee or oath	\$
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	\$
1053	130	1053	130	Non-English specification	\$
1812	2,520	1812	2,520	For Filing a Request for <i>ex parte</i> Reexamination	\$
1804	920	1804	920	Requesting publication of SIR prior to Examiner action	\$
1805	1,840	1805	1,840	Requesting publication of SIR after Examiner action	\$
1251	110	2251	55	Extension for reply within first month	\$
1252	430	2252	215	Extension for reply within 2 nd month	\$
1253	980	2253	490	Extension for reply within 3 rd month	\$
1254	1,530	2254	765	Extension for reply within 4 th month	\$
1255	2,080	2255	1,040	Extension for reply within 5 th month	\$
1401	340	2401	170	Notice of Appeal	\$
1402	340	2402	170	Filing a brief in support of an appeal	\$
1403	300	2403	150	Request for oral hearing	\$
1814	110	2814	55	Terminal Disclaimer Fee	\$
1452	110	2452	55	Petition to revive - unavoidable	\$
1453	1,370	2453	685	Petition to revive - unintentional	\$
1501	1,370	2501	685	Utility/Reissue issue fee	\$
1502	490	2502	245	Design issue fee	\$
1503	660	2503	330	Plant issue fee	\$
1460	130	1460	130	Petitions to the Commissioner	\$
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	\$
1808	180	1808	180	Submission of IDS	\$
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	\$
1801	790	2801	395	Request for Continued Examination (RCE)	\$
Other fee (specify)					\$
Subtotal (3)					\$0

Total Amount of Payment: \$622

Submitted by:

Name: Marcus Simon	Reg. No.: 50,258	Telephone: (206) 903-8800
Signature: <i>Marcus Simon</i>		Date: <i>October 15, 2004</i>



IPU ✓

PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Oct. 15, 2004
Date

Denise Sheridan
Denise Sheridan

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/815,877	Confirmation No. : 9106
Applicants : Brent Keeth et al.	
Filed : March 30, 2004	Attorney Docket No.: 500644.03
Art Unit : 2188	Customer No. : 27,076
Examiner : Reginald G. Bragdon	
Title : METHOD AND SYSTEM FOR USING DYNAMIC RANDOM ACCESS MEMORY AS CACHE MEMORY	

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE UNDER 37 C.F.R. § 1.111

Sir:

Applicants acknowledge receipt of the Office Action dated July 15, 2004. Please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Amendment to the Abstract begins on page 12 of this paper.

Amendments to the Drawings begin on page 13 of this paper and includes 2 replacement sheets.

Remarks begin on page 14 of this paper.

An Appendix including amended drawing figures is attached following page 15 of this paper.